

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 61582 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Dec 8 2006

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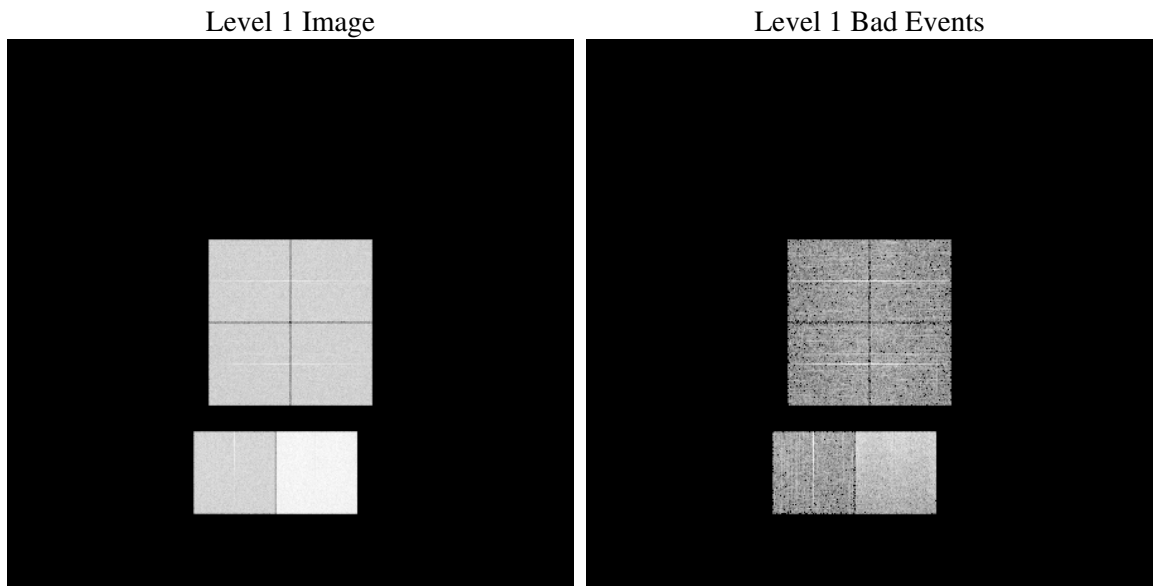
1 Front

seq_num	
obs_id	61582
title	ACIS-012367 diagnostics
observer	CHANDRA engineering request/realtime commanding
object	
dtcycle	0
cycle	P
ra_targ	0.0
dec_targ	0.0
ra_nom	301.98643182395
dec_nom	-33.973649331375
roll_nom	80.423671731198
revision	2
ontime	7180.5748847127
livetime	7089.6501218994
ontime0	2880.1341404915
ontime1	2912.5855704248
ontime2	2718.1642607152
ontime3	2799.0262898058
ontime6	2993.693331182
ontime7	7180.5748847127
l2events	1312655

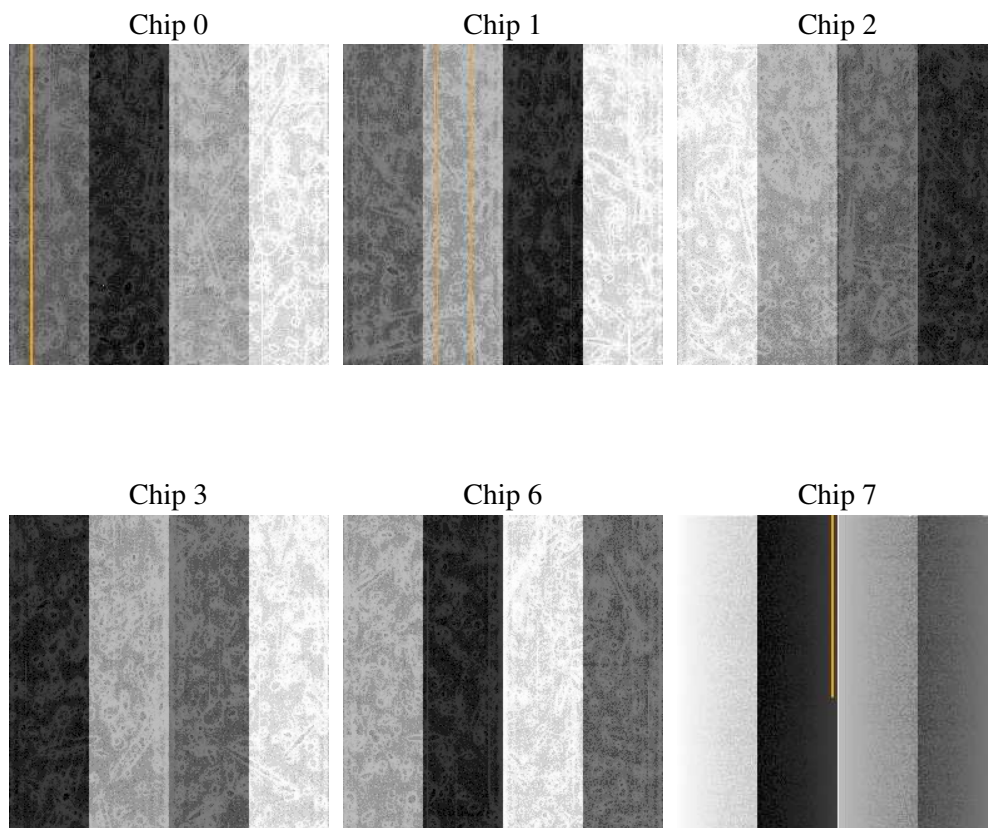
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-08T16:11:19
revision	2

sched_exp_time	0.0
ontime	7240.406469062
ontime0	2903.9689718336
ontime1	2936.3793817014
ontime2	2741.9170319885
ontime3	2822.9432210773
ontime6	3020.6460526288
ontime7	7240.406469062
l1events	1547522

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	204619	207675	197290	202884	223521	511533
rejected events	23102	23278	23678	24273	26109	59030
rejected %	11%	11%	12%	11%	11%	11%

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	100948	102532	97455	100827	108831	83706
	49%	49%	49%	49%	48%	16%
grade 1 events	564	479	534	481	543	184
	0%	0%	0%	0%	0%	0%
grade 2 events	32284	32798	30787	31406	34267	137771
	15%	15%	15%	15%	15%	26%
grade 3 events	11663	11701	11070	11287	12065	33982
	5%	5%	5%	5%	5%	6%
grade 4 events	11603	11671	10946	11280	12264	33753
	5%	5%	5%	5%	5%	6%
grade 5 events	1615	1616	1511	1653	1894	7861
	0%	0%	0%	0%	0%	1%
grade 6 events	26473	27111	24843	25292	31776	166924
	12%	13%	12%	12%	14%	32%
grade 7 events	19469	19767	20144	20658	21881	47352
	9%	9%	10%	10%	9%	9%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	SECONDARY	SECONDARY	Subarray requested	NONE	NONE
Pointing RA	0	301.9864318239452	Alternating exposures requested	N	N
Pointing Dec	0	-33.97364933137528	Primary exposure time	3.2	3.2
Pointing Roll	0.0	80.42367173119811			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.7524282956875696			
SIM translation stage pos (mm)	-233.592463	250.466033080201			
SIM translation stage offset (mm)	0	-0.01005468664627074			
Observation start time	109228219.91953	109228219.15107			
Observation start date	2001-06-18T05:10:20	2001-06-18T05:10:19			
Observation end time	109251253.720429	109251252.95197			
Observation end date	2001-06-18T11:34:14	2001-06-18T11:34:12			
Read mode	TIMED	TIMED			

2.3 Aspect

2.4 Star Slots

2.5 FID Slots

A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.18057488

A.2 Comments

Focal plane temperature is warmer than -118.7 C degrees during the first ~1 ksec of this observation.